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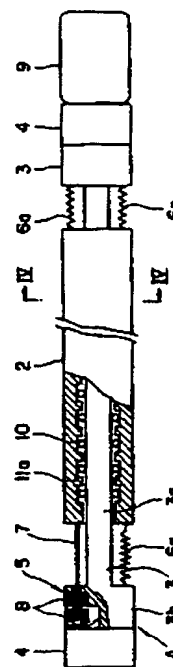
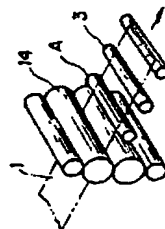
APPLICATION DATE : 26-08-86
APPLICATION NUMBER : 61198127

APPLICANT : KOBE STEEL LTD;

INVENTOR : TANAKA RYUICHI;

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TITLE : MEASURING INSTRUMENT FOR
CAMBER AMOUNT OF ROLLED
STOCK



ABSTRACT : PURPOSE: To exactly derive a camber amount without being influenced by a horizontal slide and a rotation of a plate, by installing a measuring instrument of a contact type, in the vicinity of an outlet side of a rolling mill.

CONSTITUTION: In accordance with a moving speed of a rolled stock 1 which has been fed out of a rolling mill 14, a motor 9 drives to rotate a roller core 2 through a roller shaft 3, and the roller core 2 sets its outside peripheral surface speed so as to become equal to a moving speed of the rolling material 1 in the rolling direction, and rotates together with the roller shaft 3. Also, when the rolled stock 1 not only moves in the rolling direction but also moves in the horizontal direction, only the roller core 2 not only rotates but also moves horizontally (moves in the axial direction) by the same amount as that of the rolled stock 1. Subsequently, a moving extent L of the rolled stock 1 in the rolling direction is calculated from a rotating speed [revolving speed (n) per unit time] of the motor 3, namely, the roller shaft 3, and the outside diameter of the roller core 2, a horizontal moving extent (moving extent in the axial direction) (l) of the rolled stock 1 is measured, and based on said each moving extent L, (l), a camber amount of the rolled stock 1 can be calculated.

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